EXHIBIT 17

BOX I

1	ANTISENSE M17-1/pREP 4	[redacted]		
2	SENSE	"		
3	HUMAN HBB HIND III - BGL II APTAG	[redacted]	8	
4		"	12	
5	M17-1 R1-BAMH1/pGEX 3	15		
6		16		
7	M17-1 15 pGEX 3	TOPP 1		
8	"	TOPP 2		
9	"	JM105		
10	M17-1 16 pGEX 3	TOPP 1		
11	" "	TOPP 2		
12	"	JM105		
13	ABOUT CDNA/PLASMID			
14	"			
15				

VECTORS

1	PXM PST 1-R1-XHO 1
2	" SEQ CONFIRM
3	PXM
4	pGEM 7zf
5	BOVINE PAPILOMA VIRUS VECTOR
6	pBLUESCRIPT
7	pXM PST 1-R1-XHO 1
8	pGEM 5zf
9	pBLUESCRIPT
10	BOVINE PAPILOMA VIRUS
11	PUC 19
12	PREP 4
13	pBR322
14	pGEM 3Z
15	pCDNA 1
16	APTAG

BACTERIA STRAINS

1	INVITROGEN TOP 10 F'		
2	"		
3	JM105	24	Y1090
4	TOPP 6	25	NM539
5	TOPP 5	26	PLK17
6	TOPP 4	27	NM538
7	TOPP 3	28	P2PLK17
8	TOPP 2	29	MC1061
9	TOPP 1		
10	XL1 BLUE		
11	MC1061 p3		
12	Y1090		
13	1		
14	K802		
15	NM539		
16	LE392		
17	P2392		
18	NM538		
19	K802		
20	MC1061		
21	"		
22	K812		
23	NM538		

BACTERIA + PLASMID BOX II

MOUSE & INF
L2G25B/pXM WRONG OR (4-2)
HUMAN COS 7B
L2G25 BIC / pXM WRONG OR (5-4)
HUMAN B PROTEIN R1 2KB / 72f
~~PXM PST I - R1 - XHO I~~ PAEL 34
IL-11 SAC I 1.8 KB
L2G25B (OLIGO) / pEV55 (2-4)
HUMAN COS 1-1 KM
L2G25 / XMN I - R1
IL-11 SAC I 4KB / 72f
L2G25C. (OLIGO) .72f
L2G25 C+B / 72f
J-1 IN PBR
B-1 IN PBR
17-1 SAC I 8 KB / 72f
L2G25B (OLIGO) pEV55 WRONG OR (2-3)
HP10 R1 PUC 19 W.O. (1-4)
~~PXM PST I - R1 - XHO I SEQ CONFIRMED~~ L2G25 B / pXM (4-1)
pKK223-3 IL-2 HP10 JM105
BRENT S770.6 R1 / ~~OF~~ 72f
~~BB~~ 14-1 pIH82 / JM105
CTLIC 17A10 3 R1 / 72f
SL3 R1 / pBS
HUMAN COS 14 KM
17A10 / pIH82 / JM105
IL-2 / HP10 / pKK223-3 JM105
L2G25-2 A91
L2G25 NCO 5 ~~72~~
CTLIC S365 1 R1 0.5 KB / 72f
BRENT S770.2 R1 / 72f
SP1 / pBS
LUCIFERASE / pCMV 2631
LUCIFERASE / pRSV H630
MOGE 41BB RN 3 NCO1 0.85 KB / 5f2
MOGE 41BB RX SAC I 0.9 KB / 72f
L2G25B (G25 B, +2.) 72f
L2G23BIC / pEV55 (3-5.)
~~BB~~ ES14 XHO1-R1 / pEV55
IL-2 HP10 / pKK223-3 JM105
MOGE 41BB M2 R1 KB / 72f
41BB R1-XHO1 0.6 KB / pBS
CTCTC SL3 4) R1 / 72f
CTLIC S365 ② R1 0.5 KB / 72f
41BB R1 / pXM W.O.
41BB R1 / pXM R.O.
LCK EXPRESION CONSTRUCT R1 1.7
MOGE 41BB NP2 SACI DRA I / 72f TYPE II 5' UTR
MOGE 41BB NP2 SACI-XBA I / 72f TYPE I 5' UTR
41BBS / ARTAG 0.6KB

KWON000130

BACTERIA + PLASMID BOX III

LCK STU1
LCK RRR
LCK C2 0.825
BS LCK CXS
△ 10-33 LCK
41BB R1 pBS W.O. T730 ~~S T 3'~~ pBS SK-
41BB R pBS R.O T751 ~~K S T 3'~~ "
MOUSE 12.2 CDNA BGL II HINDIII 0.6 KB
MOGE 41BB SAC I-NCO I 3KB / 72f SEQ CONFIRMED
CTCC SL3 5 R1 / 72f
HUGE 17#10 SAC I 6 KB / 72f
SECRETORY ALKALINE PHOSPHATASE SEAP / CMV
BRENT S7.70 8 R1 3KB / 72f
MOGE 41BB TYPE II 5' UTR CORRECT
17#10 SILVER MUTANT ③ → THIS CLONE HAS 2 INSERTS. USE DTK STOCK
L2625 B (OLIGO) pEV555 W.O. (3-2)
L2625 XMA I R1
BK IN PBR
SILVER 17.1 ⑤ / 72f
41BB / ARTAG #2
41BB PDR 998 #3 JM105
" #1
MOGE 41BB NP2 SAC I 1.8 KB / 72f
MOGE 41BB NP2 SAC I 2.8 KB / 72f
MOGE 41BB NP2 SAC I 5.5 KB / 72f
41BB #8 R1 1.3 KB / 72f
HUGE S7.70 12 SAC I 5.5 KB / 72f
MOGE 41BB HE 5 SAC I 5.5 / 72f
MOGE 41BB HE 6 SAC I 1 KB / 72f
5' BOUNDARY PEP FRAG # 23-640
5' BOUNDARY PEP FRAG # 8-570
L2625 C (OLIGO R1 0.6 KB / pXM
HUGE S7.70 12 HINC II 2.8 / 72f
HUGE S7.70 12 NCO I 3.4 KB / 72f
HUGE S7.70 12 SAC I 5.5 KB / 72f
MOGE 41BB RX SAC I 3.2 KB / 72f
→ 41BB ARTAG HINDIII - BGL II SEQ CONFIRMED
BAMH I - BGL II OLIGO SMA I / 72f
PEP 7A (OLIGO) #2
L2625 C+B R1-BAMH 0.6 KB / pYL 1392
L2625 C (OLIGO) R1 0.6 KB / pYL 1392
5' BOUNDARY PEP FRAG # 19-640
PEP 7A (OLIGO) #1
GAD R1 / pBS
TRYPTOPHAN HYDROXYLASE TRH
C-MYC
TYROSINE HYDROXYLASE TH
LCK pXM W.O.
LCK PEV55 R.O.
LCK PEV55 W.O.

KWON000131

BOX IV

1 MOGE 4188 NP2 SAC1 0.4/72f [redacted]
2 MOGE 4188 RX SAC1 1.7/72f
3 MOGE 4188 NP2 SAC1 1.8/72f
4 MOGE 4188 NP2 SAC1-NCO1 3KB/72f [redacted]
5 MOGE 4188 NP2 SAC1 2.8 KB/72f [redacted]
6 MOGE 4188 HE6 SAC1 1 KB/72f [redacted]
7 MOGE 4188 RX SAC1 0.9 KB/72f [redacted]
8 MOGE 4188 RX SAC1 3.2 KB/72f [redacted]
9 MOGE 4188 HE5 DRA1 0.8 KB/72f [redacted]
10 MOGE 4188 HE5 HAE III 0.8 KB/72f [redacted]
11 MOGE 4188 HE5 PST1 2KB/3Z
12 MOGE 4188 NP2 SAC1-NCO1 / 72f
13 MOGE 4188 RX SAC1 3.2/72f
14 MOGE 4188 NP2 SAC1-DRA1 0.4/72f TYPE II 5' UTR [redacted]
15 MOGE 4188 NP2 SAC1-XBA1 1.2/72f TYPE I 5' UTR
16 "
17 MOGE 4188 NP2 SAC1 5.5 KB/72f [redacted]
18 MOGE 4188 AN (3) NCO1 0.85/5zf [redacted]
19 4188 /pXM [redacted]
20 4188 R1 /pICL [redacted]
21 4188 pET55 R1-XBA1 /72f 150 bp [redacted]
22 4188 CDNA TYPE 4 UTR R1-PST1 258 bp/3zf
23 4188 R1-XHO1 pBS
24 4188 R1-XBA1 /pGEM 72f
25 4188 PCL 392
26 4188 XHO1-R1 0.6 KB/pXM
27 4188 APTAG JNX /72f
28 4188 # 8 CDNA 1.3/72f [redacted]
29 4188 L MINUS AP APTAG [redacted]
30 4188 S" MINUS AP APTAG "
31 HUMAN 4188 APTAG HIND III-BGL II
32 4188 R1 1.2 /pBS [redacted]

FRAGMENTS

1 4188 # 8 R1 FRAG
2 4188 XHO1-R1 FRAG
3 4188 R1 FRAG
4 "
5 4188 PST1 122 bp FRAG
6 4188 NCO1-PST1 110 bp FRAG
7 4188 PST1 90 bp FRAG
8 MOGE 4188 NP2 SAC1 5.5 FRAG
9 MOGE 4188 RX SAC1 17 FRAG

BOX V

1 HUGE S770 12 SPC1 5.5/72f
2 HUGE S770 12 RI 1.5/72f
3 HUGE S770 6 HINCII 600/32
4 HUGE S770 12 SPC1 3.8/72f
5 HUGE S770 12 RI 1.5/72f
6 HUGE S770 12 SPC1 3.8/72f
7 ~~GREAT 3A1 pXM~~ HUGE S770 12 NC1 1 3.4KB/72f
8 HUGE S770 12 HINCII 1.6KB/72f
9 HUGE S770 12 SPC1 5.5/72f
10 HUGE ~~S770 12 RI 1.5~~/17A10 ⑦ SPC1 6KB/72f
11 HUGE 17A10 ⑧ SPC1 8KB/72f
12 HUGE S770 12 SPC1 .38KB/72f
13 HUGE 17A10 7 HINCII 1.7KB/32
14 PMEL 17-1 /pXM FULL LENGTH
15 PMEL 17A10 /RI/ 72f
16 PMEL 17A10 PIH821
17 PMEL 14-1 PIH821
18 BRENT S770 7 RI 0.6KB/72f
19 BRENT S770 6 RI 2KB/72f
20 BRENT S770 1 RI 3KB/72f
21 BRENT S770 3 RI 1.2KB/72f
22 BRENT S770 8 RI 3KB/72f
23 HUMAN TYROSINASE/pXM
24 "
25 HUMAN TYROSINASE 34-1/72f
26 MOUSE TYROSINASE + PROMOTER PNP19
27 BRENT A3 + 34-1
28 MOUSE TYROSINASE PROMOTER + CDNA/32f
29 MTY EIIC
30 MTY EIIC + SCHULTZ FRAGMENT
31 C57 POR 1.3/72f
32 "
33 SILVER POR 1.3/72f
34 "
35 "
36 C57/BL POR 1.3/32f
37 MTYR PROMOTER/72f
38 CTL+C S365 17A10 ① RI 0.5KB/72f
39 CTL+C S365 17A10 ③ RI 0.5/72f
40 CTL+C 17A10 ④ MOUSE 17-1/72f
41 "

BOX IV

42 SILVER 17-1 (3) RI 2KB/72F
43 "
44 "
45 "
46 "
47 "
48 " INSERT ONLY
49 SILVER 17-1 /pBS
50 HUMAN 17-1 B3770 6 /pREP4 ANTISENSE
51 " SENSE
52 HUMAN 17-1 17#10 /pREP 4 ANTISENSE
53 " SENSE
54 HUMAN TYROSINASE /pREP 4 ANTISENSE
55 " SENSE
56 MOUSE 17-1 /pREP 4 SENSE
57 HUMAN B PROTEIN # 3 COMP/72F
58 "
59 HUMAN B PROTEIN #4 COMP/72F
60 HUMAN B PROTEIN #5 COMP/72F
61 HUMAN A PROTEIN 1 RI 2KB/72F
62 "
63 RECUT cDNA

— FRAGMENTS

1 MOUSE 17-1 cDNA RI FRAG
2 "
3 " RI-BAM H FRAG
4 17#10 RI FRAG
5 17#10 B3770 6 RI FRAG
6 TYROSINASE RI FRAG
7 HUMAN B PROTEIN RI FRAG

1	pGEM 7 XBA BAMHI	1	IL 3 RECEPTOR	40	LCK RI/P
2	PRRI/PBS	2	pRSV BPI	41	LCK/pEV55
3	pCDNA I	3	C-CAT	42	" WRONG O
4	pBR322	4	pRSV BPI	43	LCK/pXM
5	"	5	pRSV NEO	44	" WRONG
6	pPVUO NEO	6	"	45	A20
7	pGEM 3Z- HIND III	7	LYMPHOTOXIN	46	"
8	pGEM 7zf SMA I	8	TUBULIN		
9	pGEM 7zf HIND III BAMH I	9	"		
10	pGEX 3 X	10	CHICKEN MYC		
11	pBLUESCRIPT	11	IL-4 NA SAC I 4 KB		
12	SSV9	12	IL-11 SAC I 4.8 KB		
13	pGEM 7 BAMH I	13	"		
14	pRAV/PD	14	B-1		
15	SSV9 SUB201	15	J-1		
16	pREP 4	16	8 INF		
17	pREP 5	17	"		
18	pBR322	18	25 5zf		
19	pXM RI-XHO I	19	L2G25		
20	CMV SEAP	20	SL3 RI/PRS		
21	pXM	21	L2095 #4		
22	PNP 19	22	L2G25 ATG/BXM		
23	"	23	L2G25 #41		
24	pGEM 5zf	24	PFP 2A NDE I-SAC I 0.3/5K		
25	pBLUESCRIPT RI-XHO I	25	L2G25B (OLIGO) pEV55		
26	pEV55 RI	26	L2G25 B+C pEV55		
27	pXM RI	27	L2G25 C (OLIGO) pVL1392		
28	APTAG BGL II	28	PFP 3A SMA I-SAC I 0.1KB/7zf		
29	PUC 19	29	7zf BAMH I BGL II OLIGO		
30	PUC 18	30	pKK223-3 IL-2-HP10		
31	APTAG	31	MOUSE THROMBASE		
32	~~5zf~~ pGEM 5zf	32	HP10 RI/PUC 19		
33	"	33	SEAP CMV		
34	pBLUESCRIPT	34	LCK/pEV55		
35	pXM RI	35	" WRONG ORIENT		
36	BOVINE PAPVIRUS VECTOR	36	LCK/pXM		
37	"	37	" WRONG ORIENT		
38	pGEM 7zf	38	PFP 7A (OLIGO)		
39	pGEM 7zf XBA I	39	L2G25 C7B pVL1392		

1 HUMAN B PROTEIN λgt11 ①
2 "
3 " ②
4 " ③
5 " ④
6 " ⑤
7 " ⑥
8 " ⑦
9 " ⑰
10 ~~SILVER~~ SILVER PIXEL 17-1 λ ZAP 7
11 SILVER PIXEL 17-1 ① λgt11
12 " ②
13 " ③
14 " ④
15 " ⑤
16 " ⑥
17 " ⑦
18 " ⑨
19 " ⑩
20 " ⑪
21 BRENT S770 ① λgt11
22 " ②
23 " ③
24 " ⑥
25 " ⑦
26 " ⑧
27 CTL+C 17#10 ② λgt11
28 " ③
29 " ④
30 CTL+C S365 S13 ④ λgt11
31 " ⑤
32 " ⑥
33 CTL+C S365, 17#10 ① λgt11
34 BCGF 15-2
35 BCGF 17-1
36 17#10 ① λ FIX II
37 " ② "
38 17#10 3A λ FIX II
39 " 3B-1 "
40 17#10 7 "

Box 40

41 17A10 ⑧ λFIX II [redacted]

42 HUGE ST7D ⑥ EMBL3 [redacted]

43 " ⑪ " "

44 " ⑫ " "

45 ~~[redacted]~~ HUMAN TYROSINASE ① λFIX II [redacted]

46 " ② "

47 " ③ "

48 " ⑤ "

49 TYRE3 #2 EMBL3

50 #6 EMBL3

51 HUMAN B PROTEIN ① λFIX II [redacted]

52 " ② "

53 MOUSE HBB NP1 EMBL3

54 RN "

55 H2 "

56 HE3

57 HE5

58 HE6

59 A20 λgt11 [redacted]

GENOMIC DNA

1 RAT

2 C57/BL MOUSE [redacted]

3 SILVER

RACK IN 4°

1	TYR SIMPSE	1	λFIX II	[redacted]
2	〃	2	〃	
3	〃	3	〃	
4	〃	5	〃	
5	PMAC V7-V	1	〃	
6	〃	2	〃	
7	〃	3A	〃	
8		3B	〃	
9	〃	7	〃	
10	〃	9	〃	〃
11	[redacted]			
12	HUMAN GPRSTEN	2	〃	
13	[redacted]	3	〃	EMBL3
19	IL-11	9A	λFIX	
15		11A		
16	TYROSIPLE E3	A2	EMBL3	
17		A6	〃	〃
18	HUGE STTO	6	EMBL3	
19		11	〃	
20		12	〃	
21	BRENT STTO	1	λgt11	
22		2	〃	〃
23		3		〃
24		6		〃
25		7		〃
26		9		〃
27	CTL+C S43	4	λgt11	
28		5	〃	〃
29		6	〃	〃
30	CTL+C S17#10	2	λgt11	
31		3	〃	〃
32		4	〃	〃
33	PHAGEMID ABS SILVER MUTANT			
34	SILVER 17-1	3	λgt11	
35	CTL+C S365 17#10	1	λgt11	
36	〃	2	〃	〃
37	SILVER 17-1	1	λgt11	
38		2		
39		3		
40		4		

41	SILVER	PANEL 171	(5)	ASTX	[redacted]	RACK IN 40
42	"	"	(6)	"		
43	"	"	(7)	"		
44	"	"	(9)	"		
45	"	"	(10)	"		
46	"	"	(11)	"		
47	MOSE HUBB	RX	(3)	EMRL3	[redacted]	
48	"	RN	(5)	"	"	
49	"	WP1		"	"	
50		WP2		"	"	
51	MOSE HUBB	E3		"	[redacted]	
52		EH			"	
53	MOSE HUBB	HE2			[redacted]	
54		HE3.			"	
55		HE5			"	
56		HE6			"	

BOX VIII

1	CLONTECH	HUMAN ICELL	λgt11
2	"	MOUSE BCELL LYMPHOBLAST	λgt11
3	"	HUMAN BRAIN	λgt11
4		HUMAN GENOMIC	EMBL3
5		MOUSE GENOMIC	EMBL3
6	REHFUSE + BRENT		λgt11
7	CLOUDMAN + CTLL + EL-4		λgt11
8	CLONTECH	MOUSE BRAIN	λgt11
9	STRATAGENE	HUMAN GENOMIC	λFIX II

BOX IX

1	DR KWONS PERIPHERAL BLOOD LYMPHOCYTE
2	"
3	EGDAL
4	"
5	"
6	"
7	"
8	"
9	"
10	"
11	"
12	ANGLE ALBIND
13	"
14	D10 CELL
15	"
16	F1 CELL
17	"
18	RB IL2 STIM
19	"
20	K1735 POLYA
21	K1735
22	"
23	CELL2
24	K1735
25	GALB C KDNEY
26	BRANDD SEARS
27	STILING
28	EDDIE DALTON
29	EMMA BENNINGTON
30	KEVIN CONNOLY
31	KELSEY DALTON

CELL LYSATES

1	SILKER
2	ZAK
3	STILLING
4	"
5	"
6	MEL1
7	K1735
8	B16